

POSSUM POINT POWER STATION IMPROVEMENTS TO ASH PONDS 'A', 'B', & 'C'

DOMINION RESOURCES SERVICES, INC. dba VIRGINIA ELECTRIC & POWER COMPANY

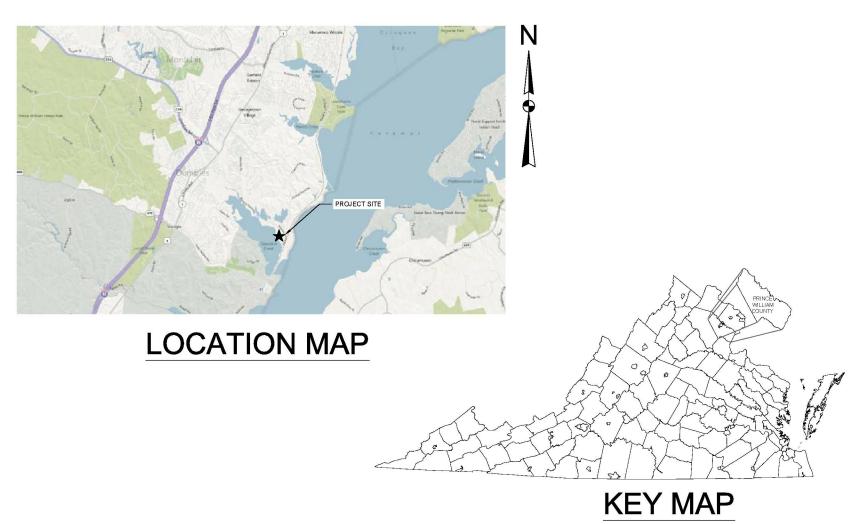
PRINCE WILLIAM COUNTY, VIRGINIA

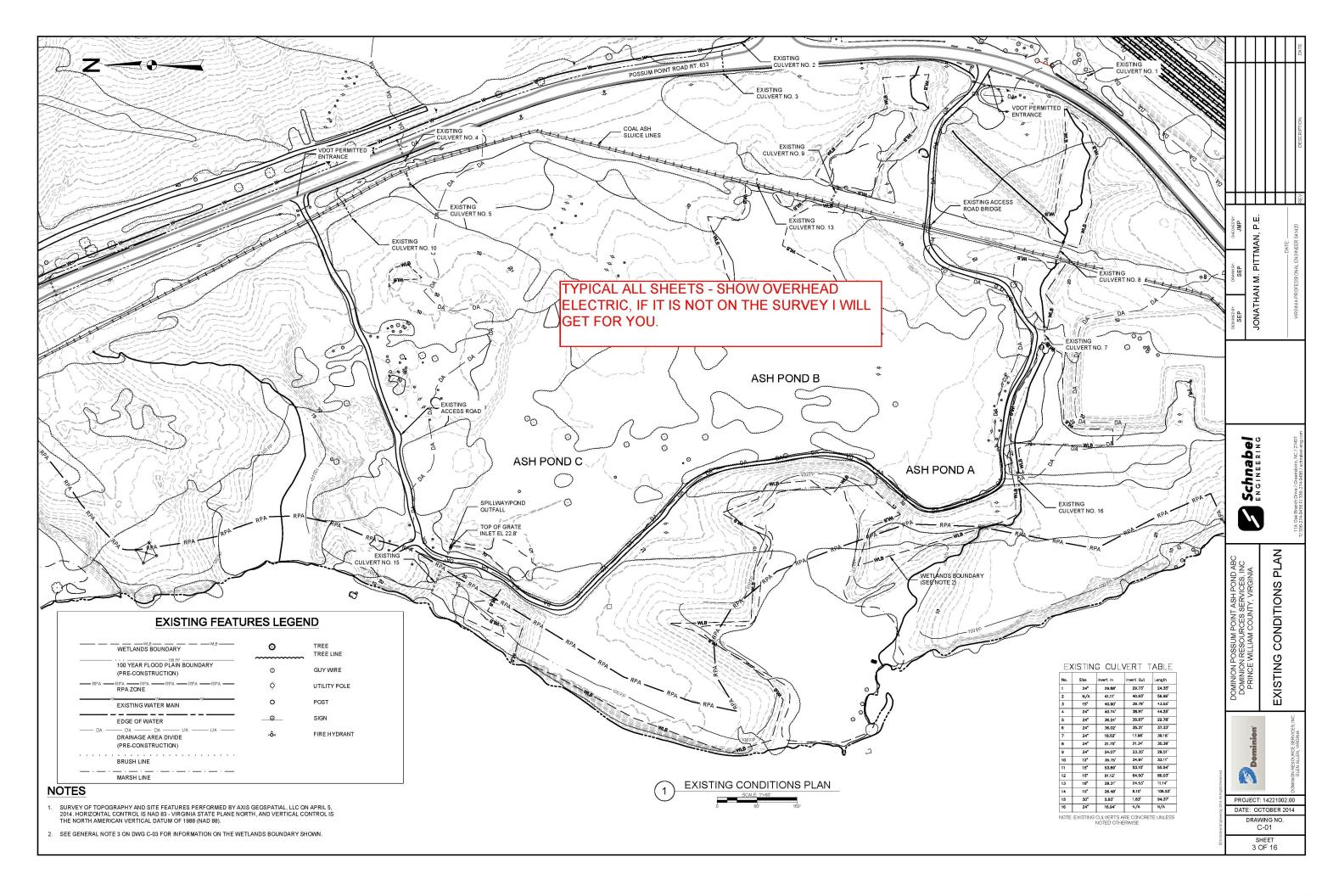
PREPARED BY

SCHNABEL ENGINEERING, LLC

PROJECT NO. 14221002.00



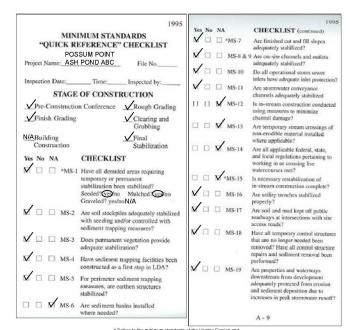




EROSION AND SEDIMENT CONTROL NARRATIVE



VESCH CHECKLIST (2)





DOMINION POSSUM POINT ASH POND ABC DOMINION RESOURCES SERVICES, INC PRINCE WILLIAM COUNTY, VIRGINIA EROSION & SEDIMENT CONTROL NARRATIVE AND CHECKLISTS PROJECT: 14221002.00 DATE: OCTOBER 2014 DRAWING NO. C-02 SHEET

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EROSION AND SEDIMENT CONTROL STANDARD NOTES:

- THE OWNER/DEVELOPER MUST NOTIFY THE DEPARTMENT OF PUBLIC WORKS AT 703-792-7070 AT LEAST 24 HOURS PRIOR TO THE START OF CONSTRUCTION IN ACCORDANCE WITH APPLICABLE COUNTY ORDINANCES AND POLICES.
- 2. THE OWNER/DEVELOPER GRANTS THE RIGHT-OF-ENTRY ON TO THIS PROPERTY TO THE DESIGNATED PRINCE WILLIAM COUNTY PERSONNEL FOR THE PURPOSE OF INSPECTING AND MONITORING FOR COMPLIANCE WITH TITLE 10.01, CHAPTER 5, ARTICLE 4 OF THE CODE OF VIRGINIA, EROSION AND SEDIMENT CONTROL LAW AND THE DESIGN AND CONSTRUCTION STANDARDS MANUAL SECTION 750.04 (C).
- 3. ALL EROSION CONTROL MEASURES SHOWN ON THE APPROVED PLAN MUST BE IN PLACE AND INSPECTED AND APPROVED BY THE DEPARTMENT OF PUBLIC WORKS PRIOR TO CLEARING, STRIPPING OF TOPSOIL OR GRADING.
- 4. A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN AND PERMIT SHALL BE KEPT ON THE SITE AT ALL TIMES.
- 5. THE OWNER/DEVELOPER'S REPRESENTATIVE IS RESPONSIBLE FOR THE INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY PRINCE WILLIAM COLINTY.
- ALL DISTURBED AREAS ARE TO DRAIN TO APPROVED SEDIMENT CONTROL
 MEASURES AT ALL TIMES DURING LAND DISTURBING ACTIVITIES AND DURING
 SITE DEVELOPMENT UNTIL COMPLETE AND ADEQUATE STABILIZATION IS
 ACHIEVED.
- WATER MUST BE PUMPED INTO AN APPROVED FILTERING DEVICE DURING DEWATERING OPERATIONS.
- ALL EROSION AND SEDIMENT CONTROL PRACTICES MUST BE CONSTRUCTED AND MAINTAINED ACCORDING TO THE MINIMUM STANDARDS AND SPECIFICATIONS OF THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK AND THE VIRGINIA REGULATIONS VR 625-02-00 EROSION AND SEDIMENT CONTROL REGULATIONS AND TO THE PRINCE WILLIAM COUNTY DESIGN AND CONSTRUCTION TO TANDARDS MANUAL.

THE OWNER/DEVELOPER'S REPRESENTATIVE WILL BE RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF ALL EROSION AND SEDIMENT CONTROL PRACTICE AT ALL TIMES.

- THE OWNER/DEVELOPER'S REPRESENTATIVE SHALL INSPECT ALL EROSION AND SEDIMENT CONTROL MEASURES DAILY AND AFTER EACH SIGNIFICANT RAINFALL. THE FOLLOWING TEMS WILL BE CHECKED IN PARTICULAR:
- a. GRAVEL OUTLETS WILL BE CHECKED REGULARLY FOR SEDIMENT BUILDUP WHICH WILL PREVENT DRAINAGE. IF THE GRAVEL IS CLOGGED BY SEDIMENT, IT SHALL BE REMOVED AND CLEANED OR REPLACED.
- b. SILT FENCE BARRIERS WILL BE CHECKED REGULARLY FOR UNDERMINING OR DETERIORATION OF THE FABRIC. SEDIMENT SHALL BE REMOVED WHEN THE LEVEL OF SEDIMENT DEPOSITION REACHES HALF WAY TO THE TOP OF THE BARRIER.
- c. SEEDED AREAS WILL BE CHECKED REGULARLY TO ENSURE THAT A GOOD STAND IS MAINTAINED. AREAS SHOULD BE FERTILIZED AND RESEEDED AS NEFFED.
- d. STREAM DIVERSION AND STORM CONVEYANCE, CHANNELS SHALL BE INSPECTED DAILY AND AFTER EACH RAIN TO ENSURE THEY'RE FUNCTIONING PROPERLY AND THAT THE INTEGRITY OF THE LININGS ARE

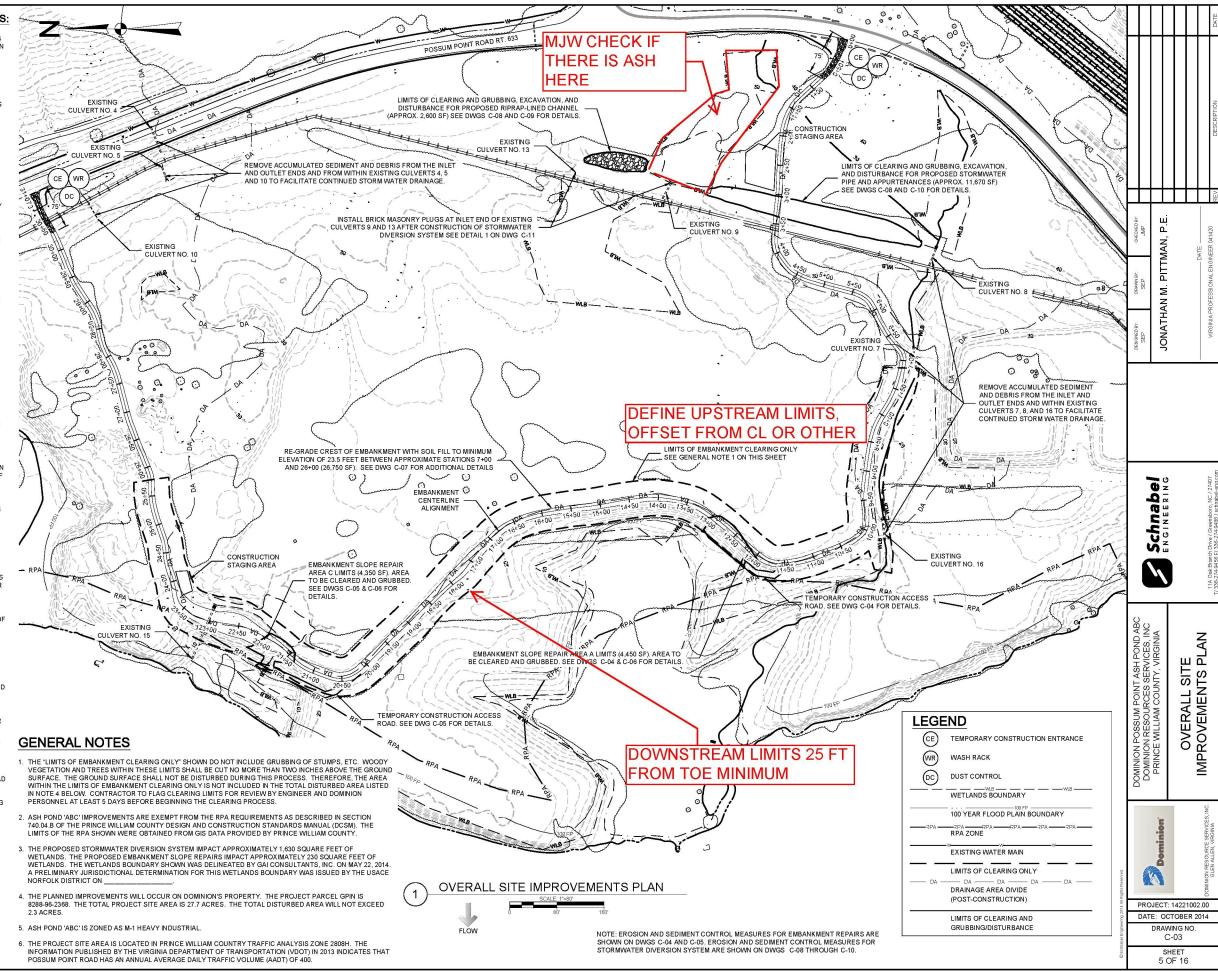
ANY NECESSARY REPAIRS OR CLEANUP TO MAINTAIN THE EFFECTIVENESS OF THE EROSION CONTROL DEVISES MUST BE MADE IMMEDIATELY AFTER THE INSPECTION

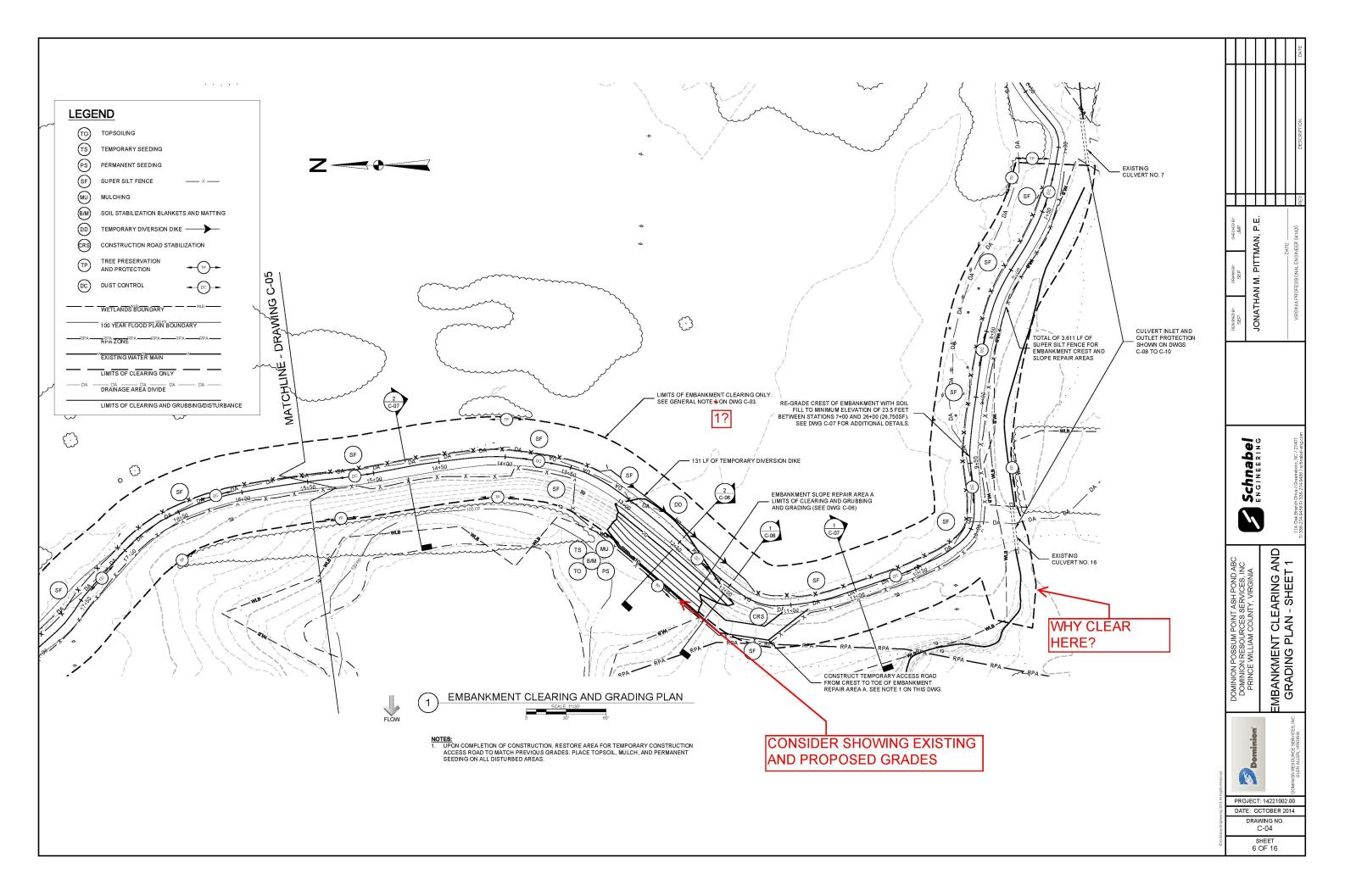
10. PERMANENT SOIL STABILIZATION SHALL BE APPLIED TO DENUDED AREAS WITHIN SEVEN (7) DAYS AFTER FINAL GRADE IS REACHED ON ANY PORTION OF

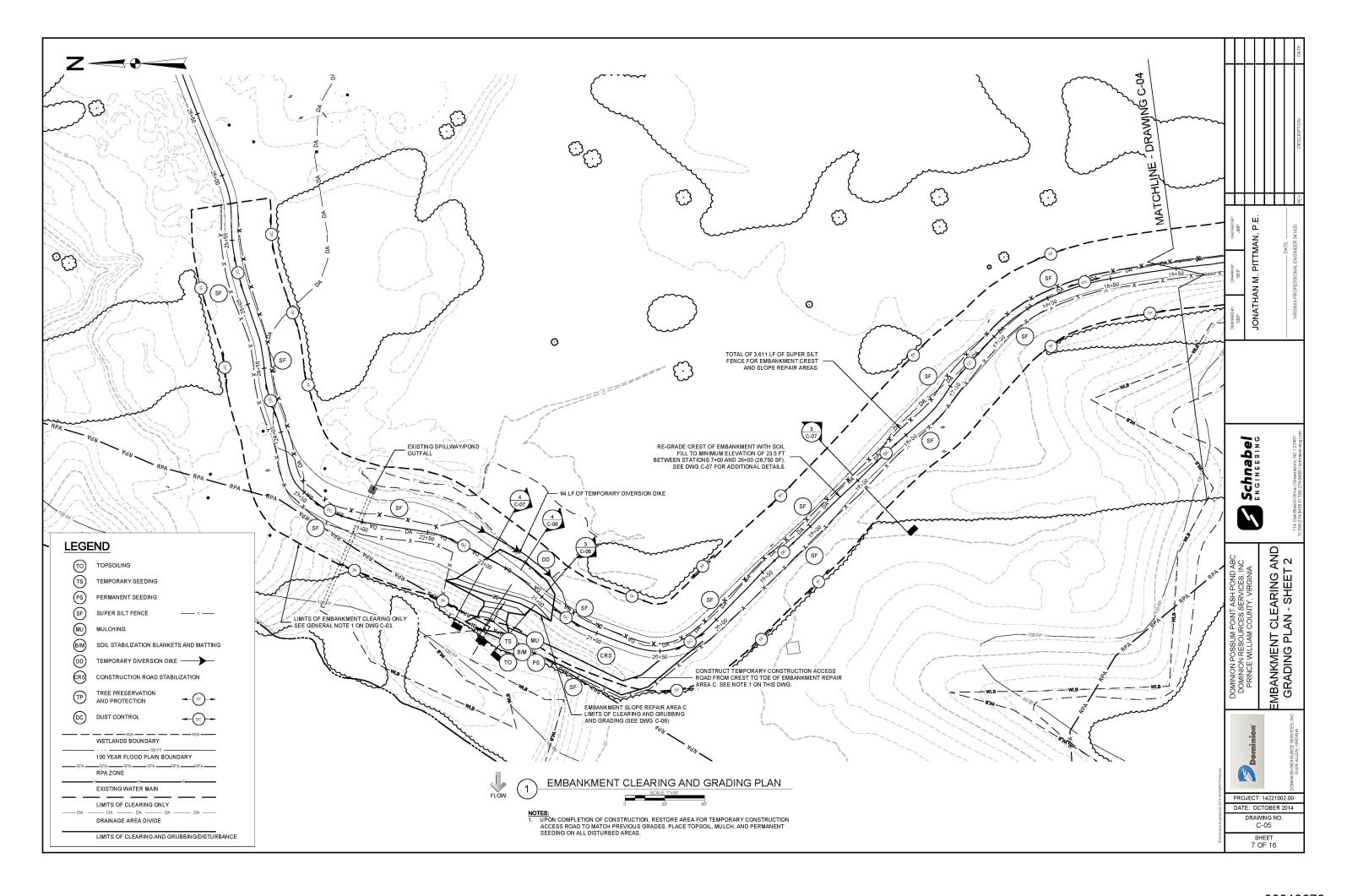
TEMPORARY SOIL STABILIZATION SHALL BE APPLIED WITHIN SEVEN (7) DAYS TO DENUDED AREAS THAT MAY NOT BE AT FINAL GRADE BUT WILL REMAIN UNDISTURED FOR LONGER THAN FOURTEEN (14) DAYS

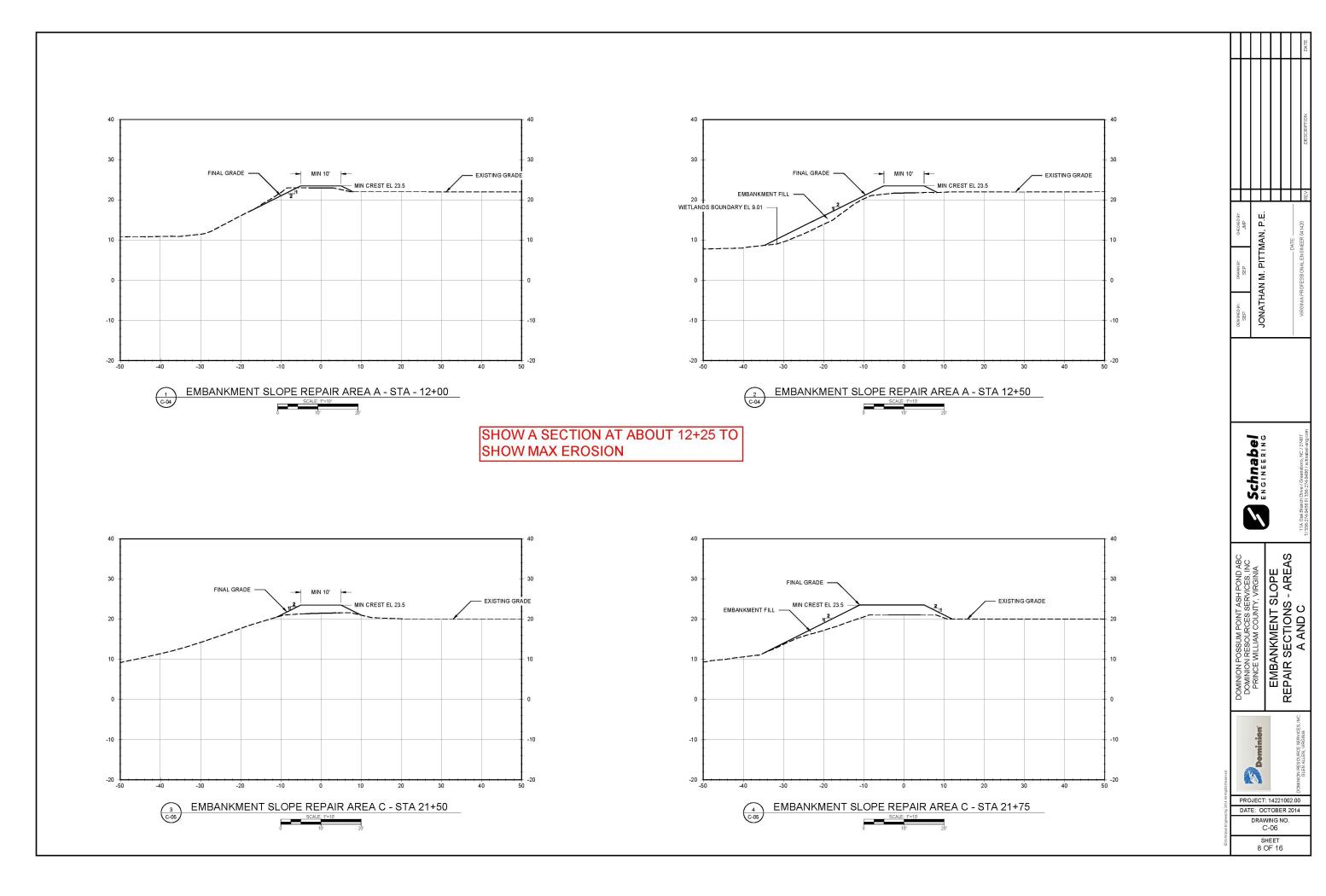
SEEDING AND SELECTION OF THE SEED MIXTURE SHALL BE IN ACCORDANCE WITH THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK STANDARD AND SPECIFICATION 3.32.

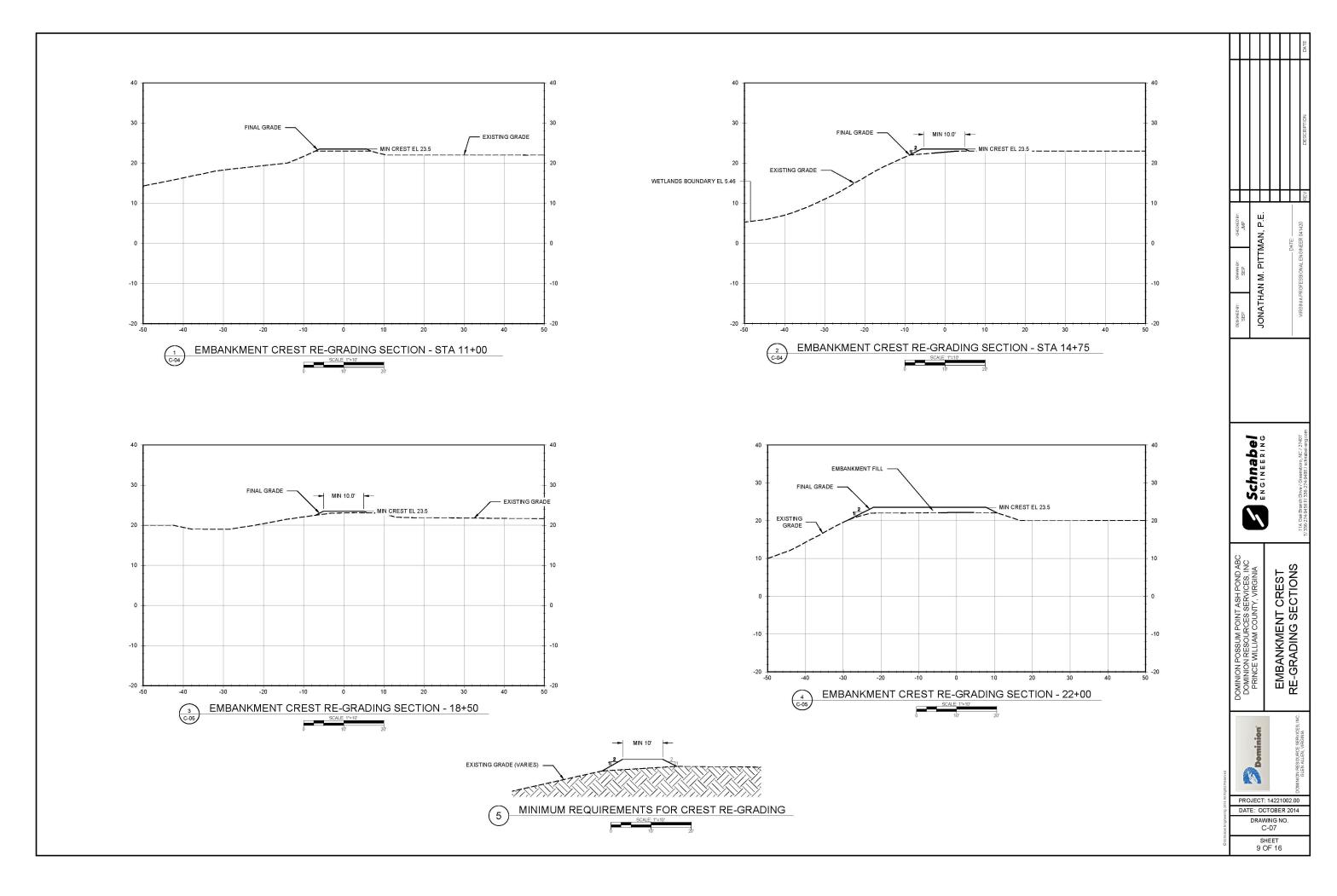
- 11. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES WILL BE REMOVED WITHIN 30 DAYS AFTER ADEQUATE SITE STABILIZATION AND AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED, AS AUTHORIZED BY THE PRINCE WILLIAM COUNTY INSPECTORS. TRAPPED SEDIMENT AND THE DISTURBED SOIL AREAS RESULTING FROM THE DISPOSITION OF TEMPORARY MEASURES WILL BE PERMANENTLY STABILIZED TO PREVENT FURTHER EROSION AND SEDIMENTATION.
- 12. WHEN SEDIMENT IS TRANSPORTED ONTO A PAVED ROAD SURFACE, THE ROAD WILL BE CLEANED THOROUGHLY AT THE END OF EACH DAY. SEDIMENT WILL BE REMOVED FROM THE ROADS BY SHOVELING OR SWEEPING AND TRANSPORTED TO A SEDIMENT CONTROL DISPOSAL AREA. STREET WASHING WILL BE ALLOWED ONLY AFTER SEDIMENT IS REMOVED IN THIS MANNER.
- 13. AREAS WHICH ARE NOT TO BE DISTURBED WILL BE CLEARLY MARKED BY
- 14. RPA AND FLOOD PLAIN LIMITS SHALL BE CLEARLY MARKED IN THE FIELD BY
- 15. TREE SAVE AREAS SHALL BE CLEARLY MARKED IN THE FIELD BY ORANGE SAFETY FENCE. APPROPRIATE TREE PRESERVATION SIGNS (WATERPROOF) TO IDENTIFY TREE PRESERVATION AREAS SHALL BE LOCATED ON TREE PROTECTIONS FENCING (INCLUDES SUPER SILT FENCING) AND SHOULD ALTERNATE BETWEEN FINGLISH AND SPANISH EVERY 30 FENCE OF THE PROPERS OF THE STATE OF THE SHOULD SHOU

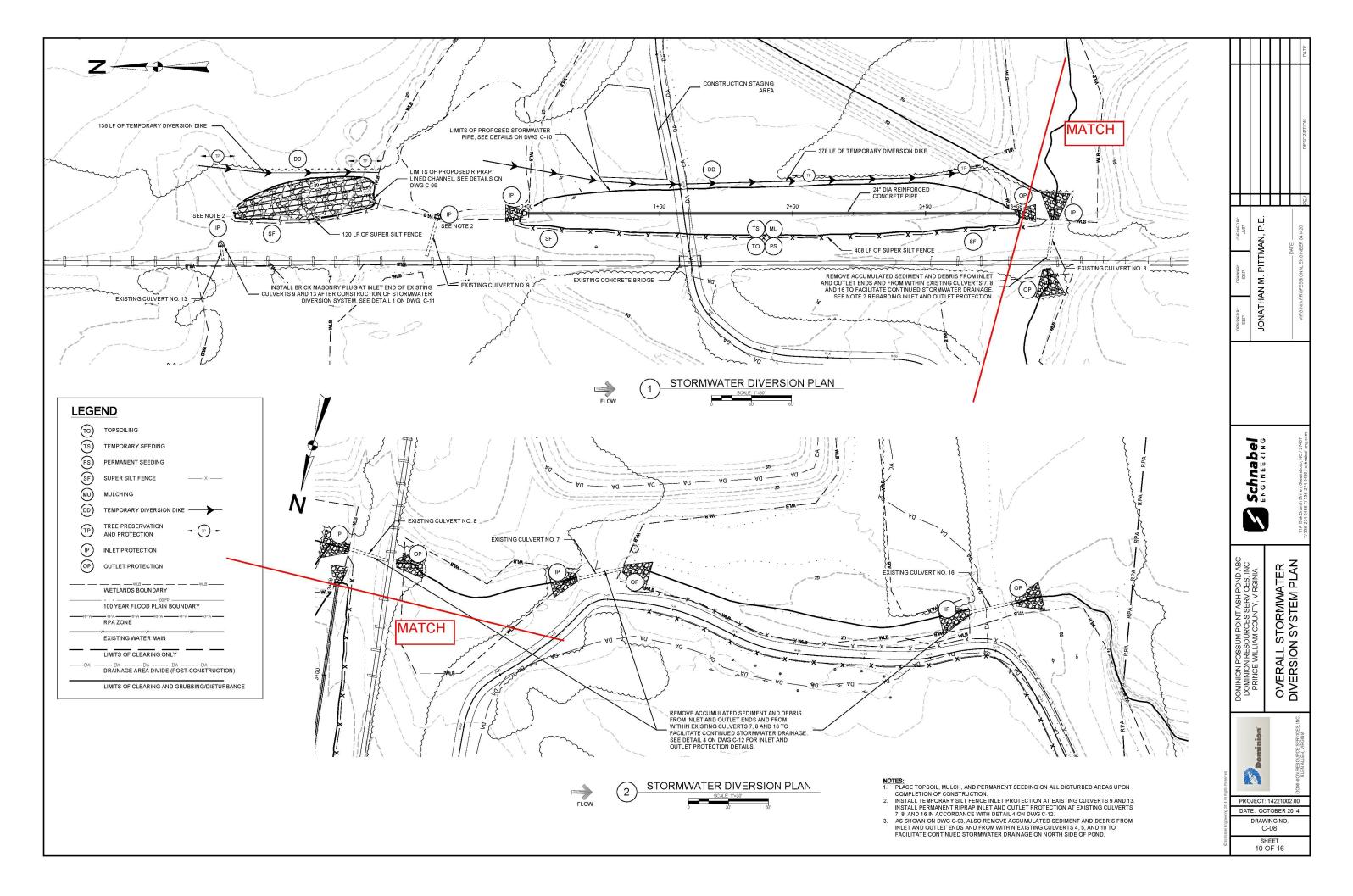


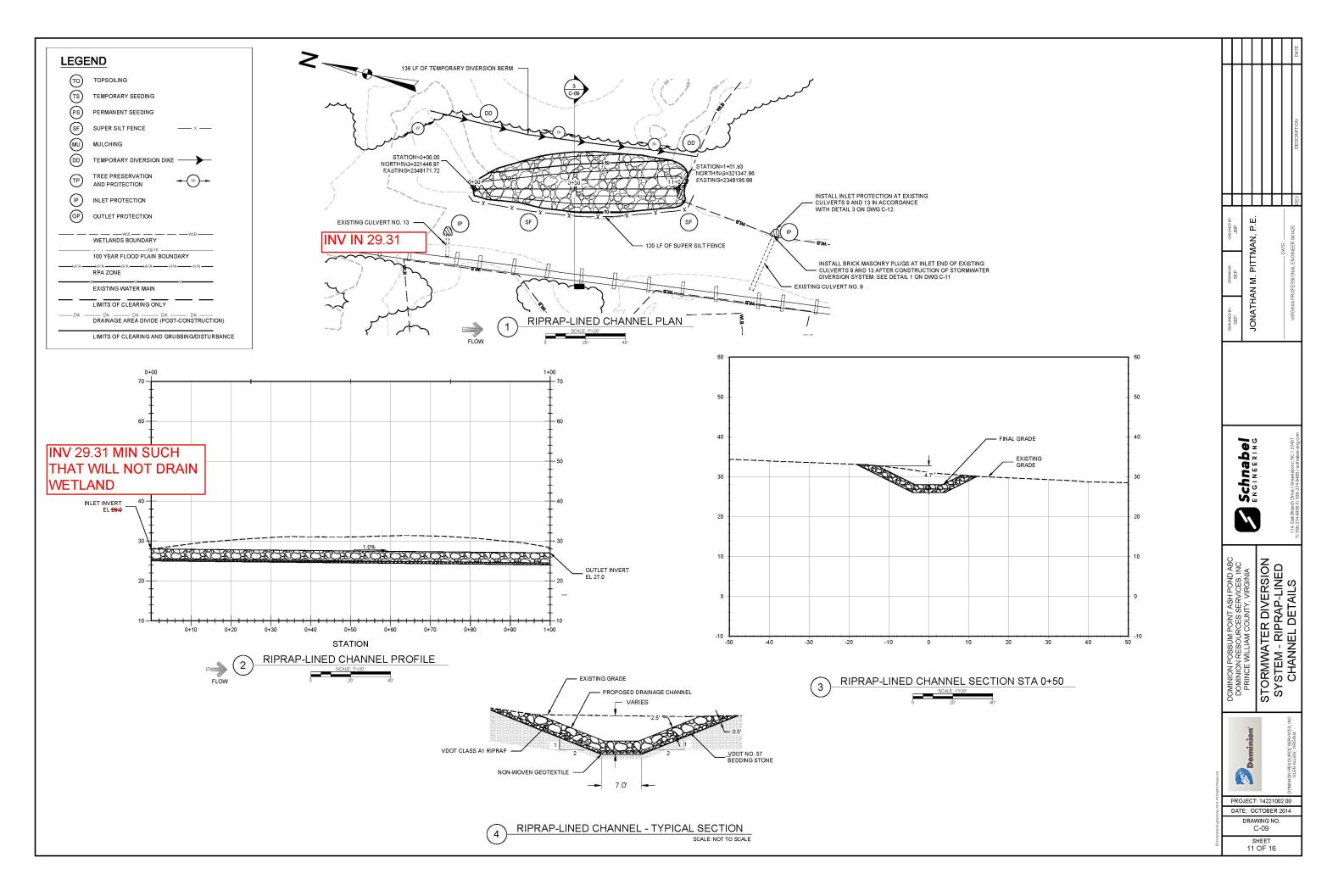


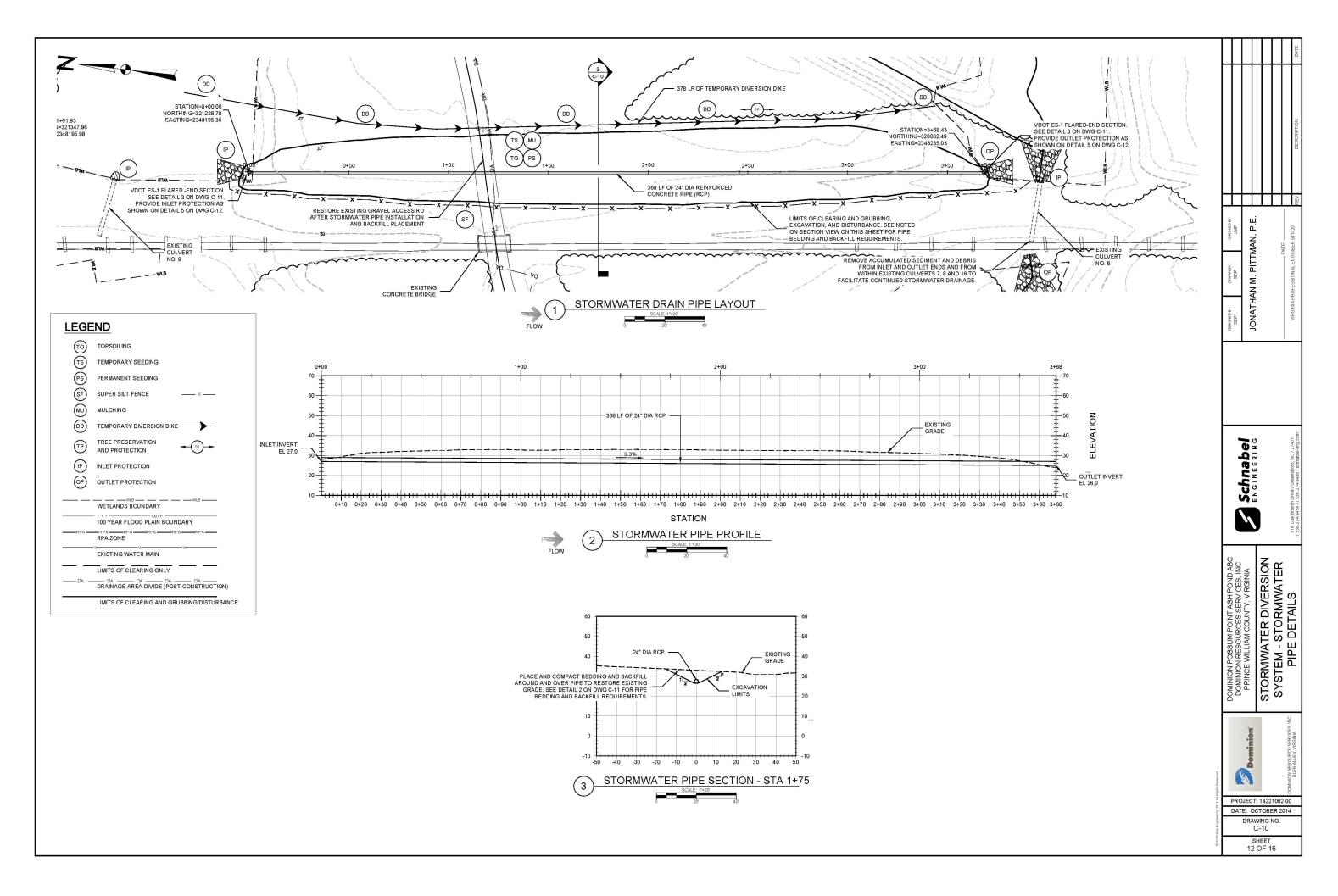


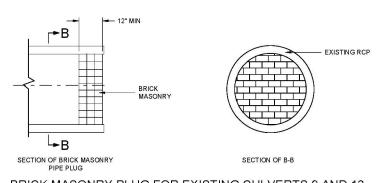




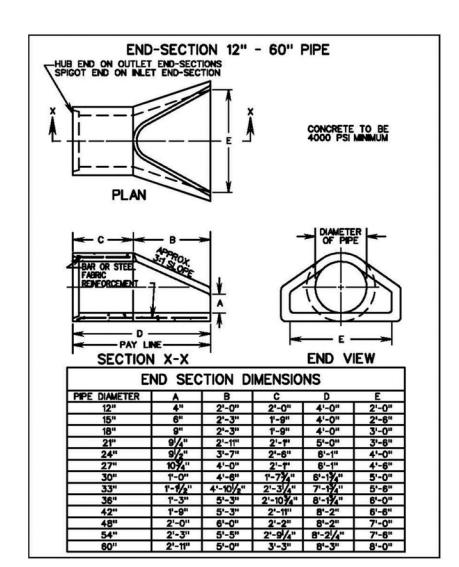






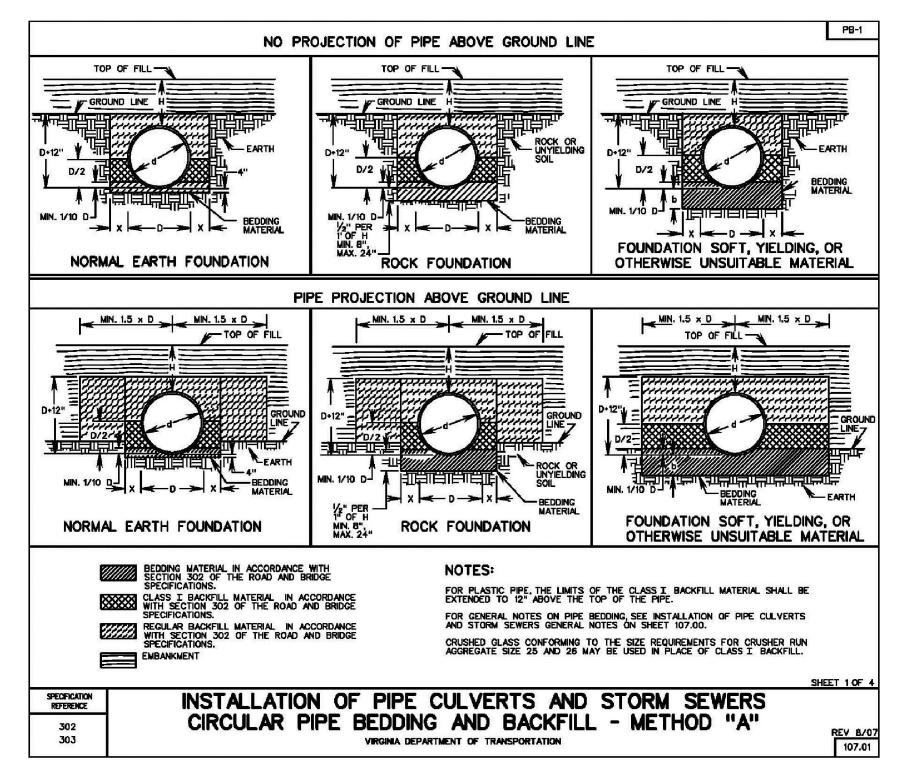






VDOT ROAD AND BRIDGE STANDARDS SPECIFICATION 302-102.01

3 STORMWATER PIPE FLARED END SECTIONS
NOT TO SCAL



PIPE BEDDING AND BACKFILL REQUIREMENTS FOR STORMWATER PIPE

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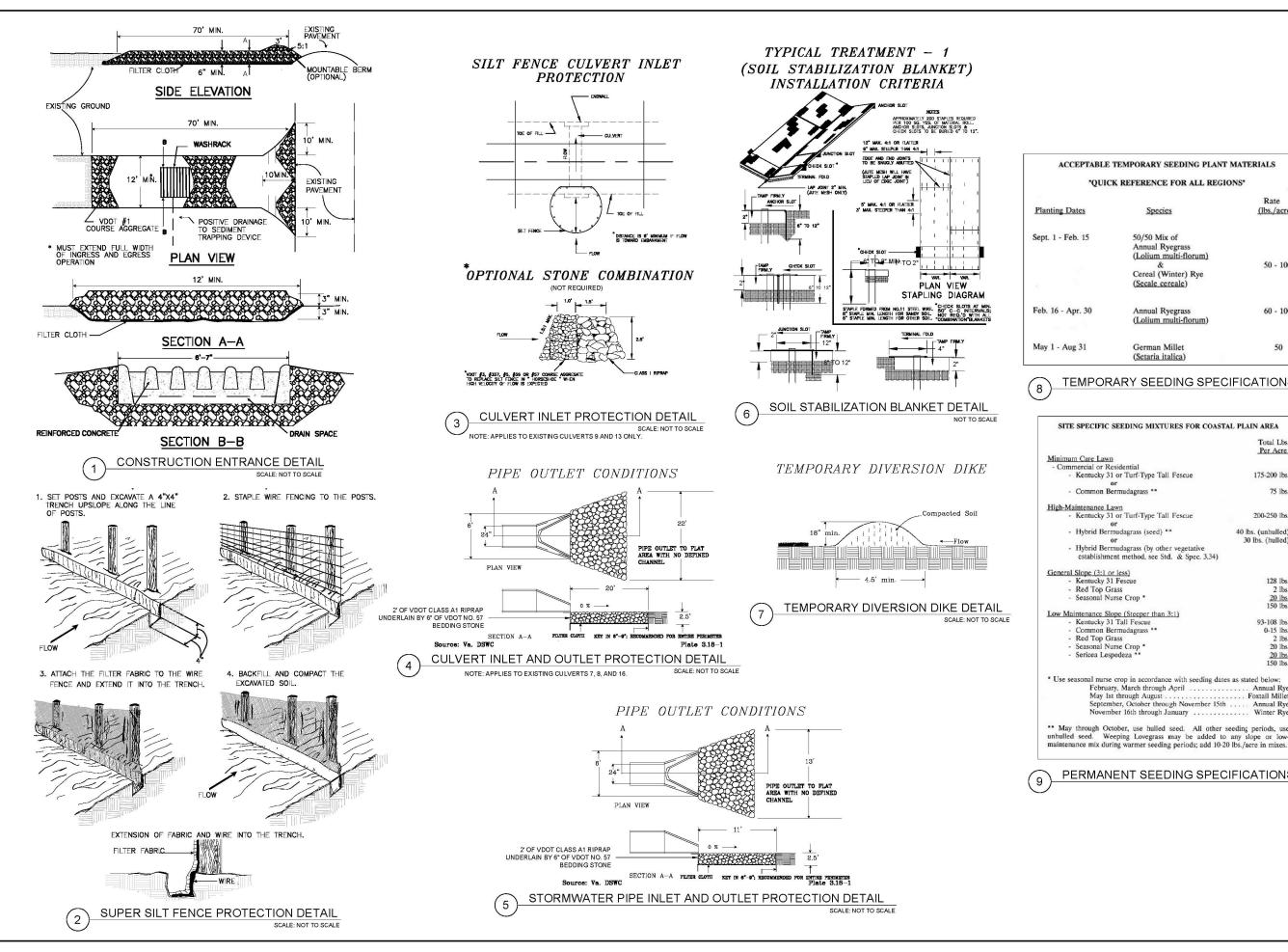
ER DIVERSION I DETAILS

STORMWATER SYSTEM [

PROJECT: 14221002.00

DATE: OCTOBER 2014

C-11 SHEET

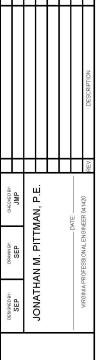


ACCEPTABLE TEMPORARY SEEDING PLANT MATERIALS "QUICK REFERENCE FOR ALL REGIONS"			
Sept. 1 - Feb. 15	50/50 Mix of Annual Ryegrass (Lolium multi-florum) &	50 - 100	
	Cereal (Winter) Rye (Secale cereale)		
Feb. 16 - Apr. 30	Annual Ryegrass (Lolium multi-florum)	60 - 100	
May 1 - Aug 31	German Millet (Setaria italica)	50	

TEMPORARY SEEDING SPECIFICATIONS

	Total Lbs
	Per Acre
Minimum Care Lawn	
- Commercial or Residential	
 Kentucky 31 or Turf-Type Tall Fescue 	175-200 lbs
or	250000
 Common Bermudagrass ** 	75 lbs
High-Maintenance Lawn	
 Kentucky 31 or Turf-Type Tall Fescue 	200-250 lbs
or	
 Hybrid Bermudagrass (seed) ** 	40 lbs. (unhulled)
or	30 lbs. (hulled)
 Hybrid Bermudagrass (by other vegetative 	
establishment method, see Std. & Spec. 3.34)
General Slope (3:1 or less)	
- Kentucky 31 Fescue	128 lbs
- Red Top Grass	2 lbs
- Seasonal Nurse Crop *	20 lbs
	150 lbs
Low Maintenance Slope (Steeper than 3:1)	
- Kentucky 31 Tall Fescue	93-108 lbs
- Common Bermudagrass **	0-15 lbs
- Red Top Grass	2 lbs
- Seasonal Nurse Crop *	20 lbs
- Sericea Lespedeza **	20 lbs
	150 lbs
* Use seasonal nurse crop in accordance with seeding of	lates as stated below:
February, March through April	
May 1st through August	
September, October through November 1	
November 16th through January	
november tota unough scaledly	winter Rye

PERMANENT SEEDING SPECIFICATIONS



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SEDIMENT DETAILS

EROSION & S CONTROL

